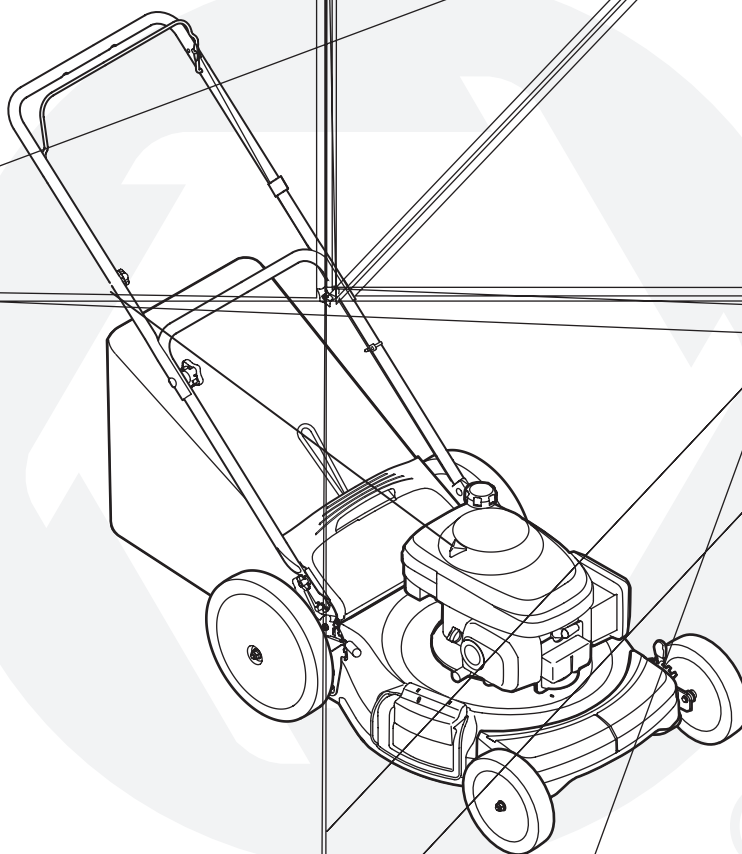


OPERATOR'S MANUAL



21" Hi-Wheel Mower — Model Series 540

IMPORTANT

READ SAFETY RULES AND INSTRUCTIONS CAREFULLY BEFORE OPERATION

Warning: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator. In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest engine authorized service dealer or contact the service department, P.O. Box 361131 Cleveland, Ohio 44136-0019.

This Operator’s Manual is an important part of your new lawn mower. It will help you assemble, prepare and maintain the unit for best performance. Please read and understand what it says.


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Troy-Bilt LLC reserves the right to change product specifications, designs, and equipment without notice and without incurring obligation.

Finding and Recording Model Number

BEFORE YOU BEGIN TO ASSEMBLE YOUR NEW EQUIPMENT, please locate the model plate on the equipment and copy the information to the sample model plate provided to the right. You can locate the model plate by standing at the operating position and looking down at the rear of the deck. This information will be necessary to use the manufacturer’s web site, to obtain assistance from the Customer Support Department, or when contacting an authorized service dealer.

**TROY-BILT**
www.troybilt.com

TROY-BILT LLC
P. O. BOX 361131
CLEVELAND, OH 44136
330-558-7220
800-828-5500

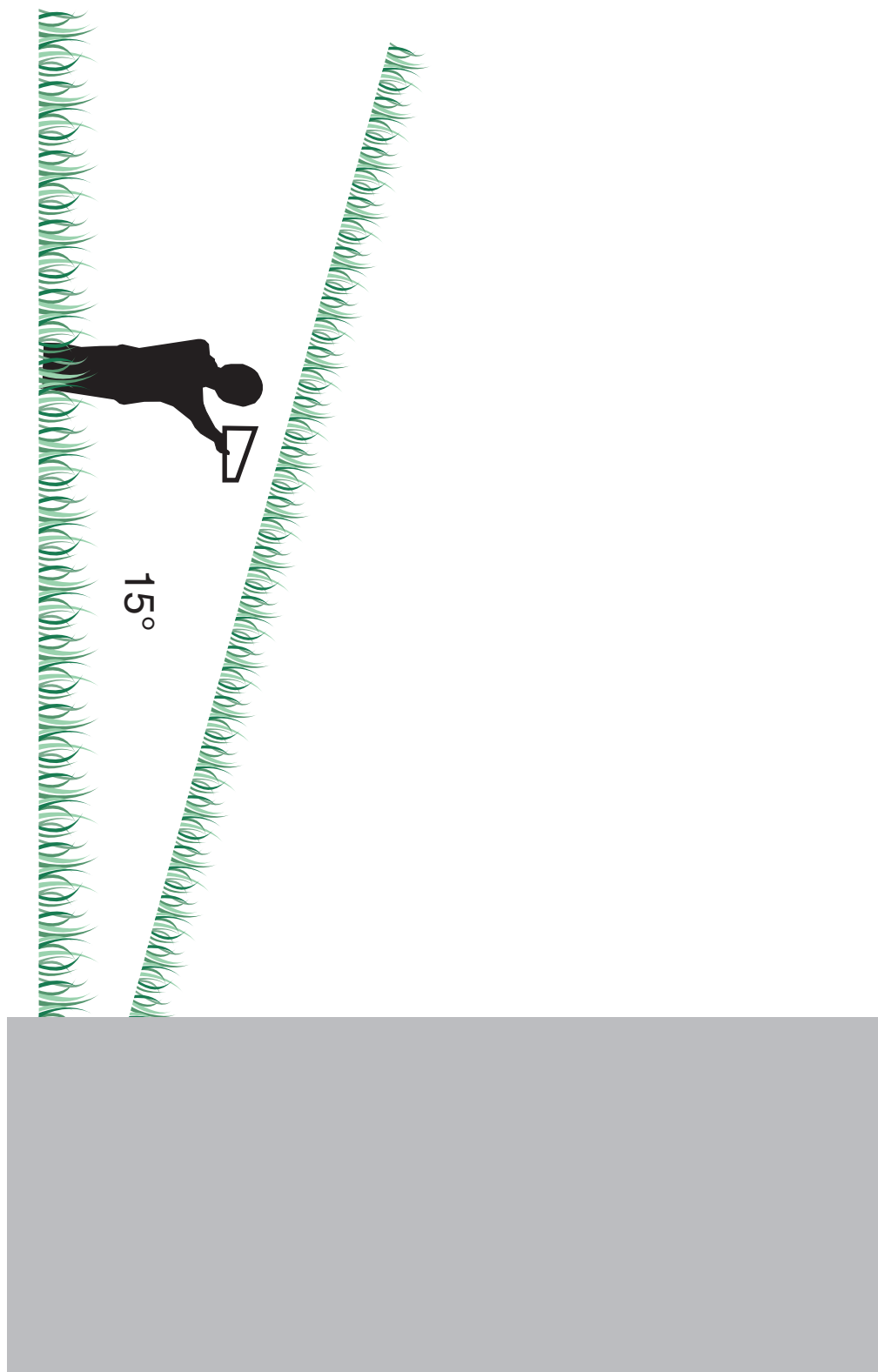
Customer Support

Please do **NOT** return the unit to the retailer from which it was purchased, without first contacting Customer Support.

- If you have difficulty assembling this product or have any questions regarding the controls, operation, or maintenance of this unit, you can seek help from the experts. Choose from the options below:
- Visit **www.troybilt.com**
 - Phone a Customer Support Representative at **1-800-828-5500**. Spanish speaking agents are available.
 - The engine manufacturer is responsible for all engine-related issues with regard to performance, power-rating, specifications, warranty, and service. Please refer to the engine manufacturer’s Owner’s/Operator’s Manual, packed separately with your unit, for more information.

Use this page as a guide to determine slopes where you may not operate safely.

Do not operate your lawn mower on such slopes.



1

Slope Gauge



WARNING

Do not mow on inclines with a slope in excess of 15 degrees (a rise of approximately 2-1/2 feet every 10 feet). A riding mower could overturn and cause serious injury. If operating a walk-behind mower on such a slope, it is extremely difficult to maintain your footing and you could slip, resulting in serious injury.

Operate **RIDING** mowers up and down slopes, never across the face of slopes.

Operate **WALK-BEHIND** mowers across the face of slopes, never up and down slopes.

2

Safe Operation Practices



WARNING

This symbol points out important safety instructions which, if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in this manual before attempting to operate this machine. Failure to comply with these instructions may result in personal injury. When you see this symbol.

HEED ITS WARNING!

Your Responsibility

Restrict the use of this power machine to persons who read, understand and follow the warnings and instructions in this manual and on the machine.



WARNING: Engine Exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to State of California to cause cancer and birth defects or other reproductive harm.

DANGER: This machine was built to be operated according to the rules for safe operation in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. This machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.

Children

Tragic accidents can occur if operator is not alert to presence of children. Children are often attracted to mower and mowing activity. They do not understand the dangers. Never assume that children will remain where you last saw them.

1. Keep children out of the mowing area and under watchful care of a responsible adult other than the operator.
2. Be alert and turn mower off if a child enters the area.
3. Before and while moving backwards, look behind and down for small children.
4. Use extreme care when approaching blind corners, doorways, shrubs, trees, or other objects that may obscure your vision of a child who may run into the mower.
5. Keep children away from hot or running engines. They can suffer burns from a hot muffler.
6. Never allow children under 14 years old to operate a power mower. Children 14 years old and over should read and understand operation instructions and safety rules in this manual and should be trained and supervised by a parent.

General Operation

1. Read this operator's manual carefully in its entirety before attempting to assemble this machine. Read, understand, and follow all instructions on the machine and in the manual(s) before operation. Be completely familiar with the controls and the proper use of this machine before operating it. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
2. This machine is a precision piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times. Your unit has been designed to perform one job: to mow grass. Do not use it for any other purpose.
3. Never allow children under 14 years old to operate this machine. Children 14 years old and over should read and understand the instructions in this manual and should be trained and supervised by a parent. Only responsible individuals who are familiar with these rules of safe operation should be allowed to use this machine.
4. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones, toys and other foreign objects, which could be tripped over or picked up and thrown by the blade. Thrown objects can cause serious personal injury. Plan your mowing pattern to avoid discharge of material toward roads, sidewalks, bystanders and the like. Also, avoid discharging material against a wall or obstruction, which may cause discharged material to ricochet back toward the operator.
5. To help avoid blade contact or a thrown object injury, stay in operator zone behind handles and keep children, bystanders, helpers and pets at least 75 feet from mower while it is in operation. Stop machine if anyone enters area.
6. Always wear safety glasses or safety goggles during operation and while performing an adjustment or repair to protect your eyes. Thrown objects which ricochet can cause serious injury to the eyes.
7. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts. Shirts and pants that cover the arms and legs and steel-toed shoes are recommended. Never operate this machine in bare feet, sandals, slippery or light-weight (e.g. canvas) shoes.
8. Do not put hands or feet near rotating parts or under cutting deck. Contact with blade can amputate hands and feet.
9. A missing or damaged discharge cover can cause blade contact or thrown object injuries.
10. Many injuries occur as a result of the mower being pulled over the foot during a fall caused by slipping or tripping. Do not hold on to the mower if you are falling; release the handle immediately.
11. Never pull the mower back toward you while you are walking. If you must back the mower away from a wall or obstruction first look down and behind to avoid tripping and then follow these steps:
 - a. Step back from mower to fully extend your arms.
 - b. Be sure you are well balanced with sure footing.
 - c. Pull the mower back slowly, no more than half way toward you.
 - d. Repeat these steps as needed.
12. Do not operate the mower while under the influence of alcohol or drugs.
13. Do not engage the self-propelled mechanism on units so equipped while starting engine.
14. The blade control handle is a safety device. Never attempt to bypass its operation. Doing so makes the safety device inoperative and may result in personal injury through contact with the rotating blade. The blade control handle must operate easily in both directions and automatically return to the disengaged position when released.
15. Never operate the mower in wet grass. Always be sure of your footing. A slip and fall can cause serious personal injury. If you feel you are losing your footing, release the blade control handle immediately and the blade will stop rotating within three seconds.
16. Mow only in daylight or good artificial light. Walk, never run.
17. Stop the blade when crossing gravel drives, walks or roads.
18. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.

19. Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging the chute.

The cutting blade continues to rotate for a few seconds after the engine is shut off. Never place any part of the body in the blade area until you are sure the blade has stopped rotating.

20. Never operate mower without proper trail shield, discharge cover, grass catcher, blade control handle or other safety protective devices in place and working. Never operate mower with damaged safety devices. Failure to do so can result in personal injury.
21. Muffler and engine become hot and can cause a burn. Do not touch.
22. Only use parts and accessories made for this machine by manufacturer. Failure to do so can result in personal injury.
23. If situations occur which are not covered in this manual, use care and good judgment. Contact your dealer for assistance.

Slope Operation

Slopes are a major factor related to slip and fall accidents, which can result in severe injury. Operation on slopes requires extra caution. If you feel uneasy on a slope, do not mow it. For your safety, use the slope gauge included as part of this manual to measure slopes before operating this unit on a sloped or hilly area. If the slope is greater than 15 degrees, do not mow it.

Do:

1. Mow across the face of slopes; never up and down. Exercise extreme caution when changing direction on slopes.
2. Watch for holes, ruts, rocks, hidden objects, or bumps which can cause you to slip or trip. Tall grass can hide obstacles.
3. Always be sure of your footing. A slip and fall can cause serious personal injury. If you feel you are losing your balance, release the blade control handle immediately, and the blade will stop rotating within 3 seconds.

Do Not:

1. Do not mow near drop-offs, ditches or embankments, you could lose your footing or balance.
2. Do not mow slopes greater than 15 degrees as shown on the slope gauge.
3. Do not mow on wet grass. Unstable footing could cause slipping.

Service

Safe Handling Of Gasoline:

1. To avoid personal injury or property damage use extreme care in handling gasoline. Gasoline is extremely flammable and the vapors are explosive. Serious personal injury can occur when gasoline is spilled on yourself or your clothes, which can ignite. Wash your skin and change clothes immediately.
2. Use only an approved gasoline container.
3. Never fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. Always place containers on the ground away from your vehicle before filling.
4. Remove gas-powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment on a trailer with a portable container, rather than from a gasoline dispenser nozzle.
5. Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until fueling is complete. Do not use a nozzle lock-open device.
6. Extinguish all cigarettes, cigars, pipes and other sources of ignition.
7. Never fuel machine indoor because flammable vapors will accumulate in the area.
8. Never remove gas cap or add fuel while engine is hot or running. Allow engine to cool at least two minutes before refueling.
9. Never over fill fuel tank. Fill tank to no more than 1/2 inch below bottom of filler neck to provide for fuel expansion.
10. Replace gasoline cap and tighten securely.
11. If gasoline is spilled, wipe it off the engine and equipment. Move unit to another area. Wait 5 minutes before starting engine.
12. Never store the machine or fuel container near an open flame, spark or pilot light as on a water heater, space heater, furnace, clothes dryer or other gas appliances.
13. To reduce fire hazard, keep mower free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel soaked debris.
14. Allow a mower to cool at least 5 minutes before storing.

General Service:

1. Never run an engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless and deadly gas.
2. Before cleaning, repairing, or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire and ground against the engine to prevent unintended starting.
3. Check the blade and engine mounting bolts at frequent intervals for proper tightness. Also, visually inspect blade for damage (e.g., bent, cracked, worn) Replace blade with the original equipment manufacturer's (O.E.M.) blade only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"
4. Mower blades are sharp and can cut. Wrap the blade or wear gloves, and use extra caution when servicing them.
5. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
6. Never tamper with safety devices. Check their proper operation regularly.
7. After striking a foreign object, stop the engine, disconnect the spark plug wire and ground against the engine. Thoroughly inspect the mower for any damage. Repair the damage before starting and operating the mower.
8. Never attempt to make a wheel or cutting height adjustment while the engine is running.
9. Grass catcher components, discharge cover, and trail shield are subject to wear and damage which could expose moving parts or allow objects to be thrown. For safety protection, frequently check components and replace immediately with original equipment manufacturer's (O.E.M.) parts only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"
10. Do not change the engine governor setting or over-rev the engine. The governor controls the maximum safe operating speed of the engine.
11. Maintain or replace safety labels, as necessary.
12. Observe proper disposal laws and regulations. Improper disposal of fluids and materials can harm the environment.

2

Safe Operation Practices



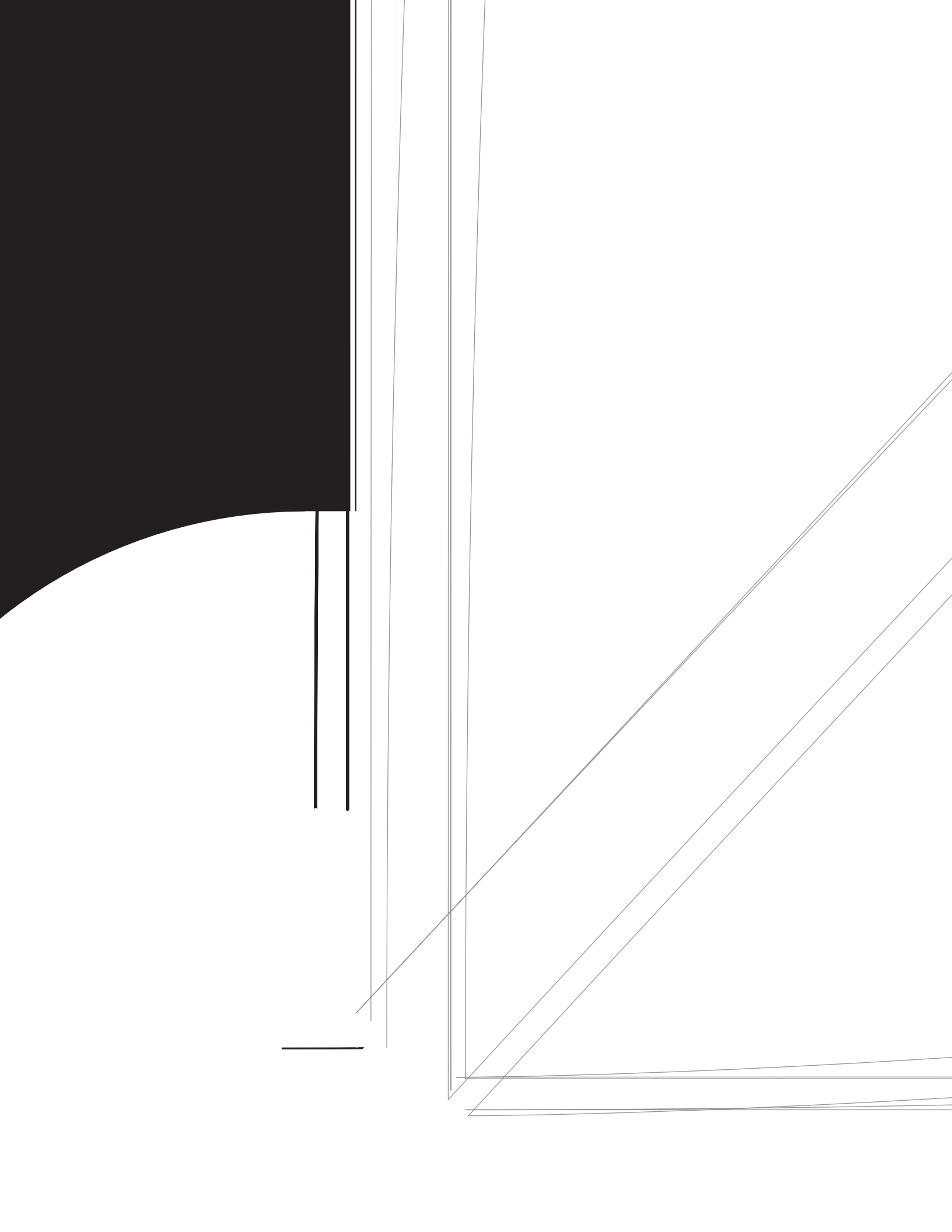
WARNING

This symbol points out important safety instructions, which if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in this manual before attempting to operate this machine. Failure to comply with these instructions may result in personal injury. When you see this symbol.

HEED IT'S WARNING!

Your Responsibility

Restrict the use of this power machine to persons who read, understand and follow the warnings and instructions in this manual and on the machine.



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3

Setup and Adjustment



WARNING

Never operate mower without the mulching plug, the grass catcher, or the discharge chute properly installed.



NOTE: When adjusting the cutting height, all wheels must be positioned at the same height.

4

Operating Your Lawn Mower



WARNING

The blade control is a safety device. Never attempt to bypass its operations.

Use extreme care when handling gasoline. Gasoline is extremely flammable and the vapors are explosive. *Never* fuel the machine indoors or while the engine is hot or running. Extinguish cigarettes, cigars, pipes, and other sources of ignition.

Keep hands and feet away from the cutting deck. Refer to warning label on the unit.

Know Your Lawn Mower

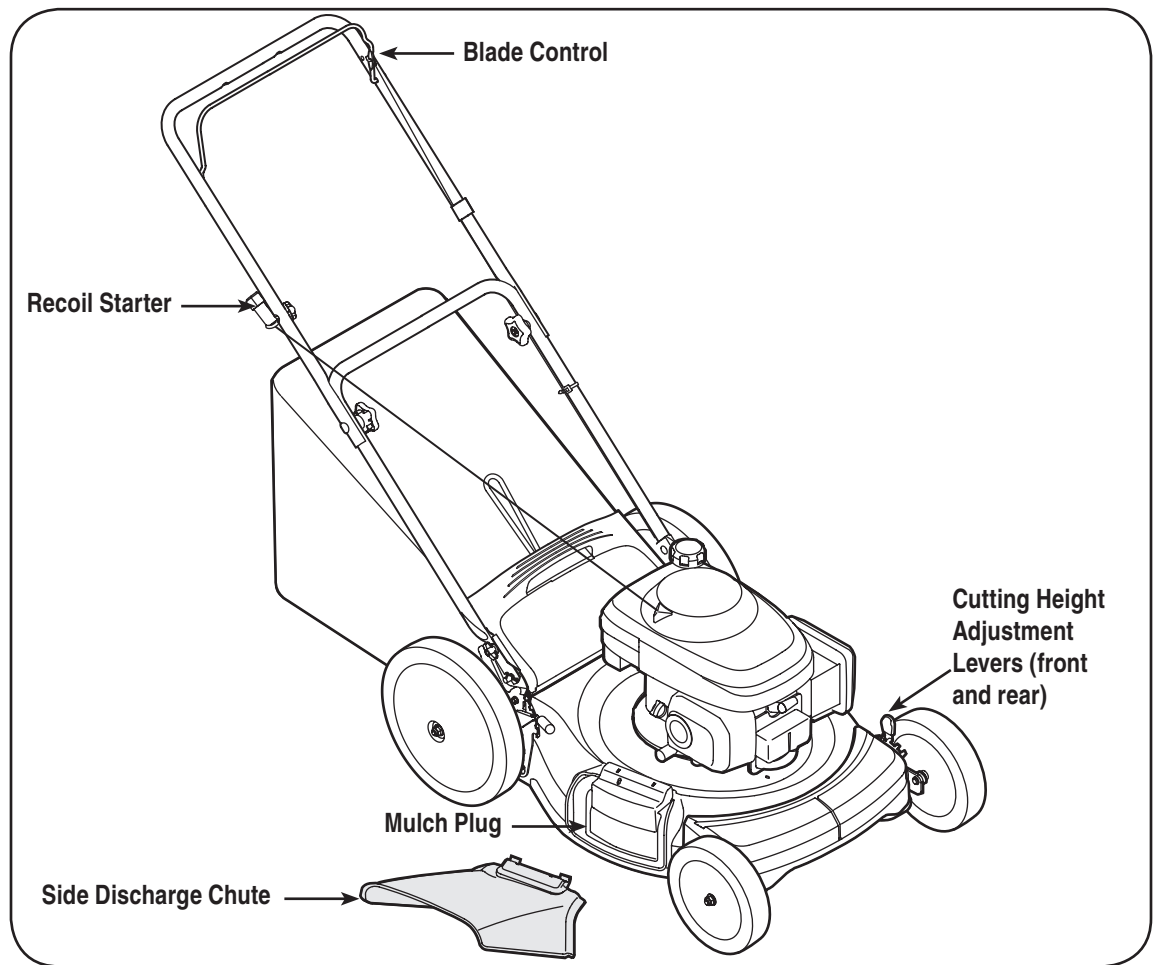


Figure 4-1: The major parts on the lawn mower.

Now that you have set up your lawn mower for operation, read this section to become acquainted with its controls and features. This knowledge will allow you to use your new equipment to its fullest potential.

Blade Control

The blade control is attached to the upper handle. Depress and squeeze it against the upper handle to operate the unit. Release it to stop engine and blade.



WARNING: This blade control is a safety device. Do not bypass its operations.

Cutting Height Adjustment Levers

One adjustment lever is located on each wheel and is used to adjust the cutting height. All four wheels must be at the same position to ensure a uniform cut.

Recoil Starter

The recoil starter is attached to the right upper handle. Stand behind the unit and pull the recoil starter rope to start the unit.

Mulch Plug

The mulch plug is used for mulching purposes. Instead of collecting the grass clippings in a grass catcher or using the side discharge chute, some mower models have the option of recirculating the clippings back to the lawn. This is called mulching.

Grass Catcher

The grass catcher, located at the rear of the mower, is used to bag the grass clippings for disposal at another site. Once the bag is full, it has to be removed from the mower and emptied before any further mowing.

Gas and Oil Fill-Up

1. Check oil level and add oil if necessary. Follow engine owner's manual for this.
2. Service the engine with gasoline as instructed in the engine owner's manual.



WARNING: Use extreme care when handling gasoline. Gasoline is extremely flammable and the vapors are explosive. *Never* fuel the machine indoors or while the engine is hot or running. Extinguish cigarettes, cigars, pipes, and other sources of ignition.

Starting Engine



WARNING: Be sure no one other than the operator is standing near the lawn mower while starting engine or operating mower. Never run engine indoors or in enclosed, poorly ventilated areas. Engine exhaust contains carbon monoxide, an odorless and deadly gas. Keep hands, feet, hair and loose clothing away from any moving parts on engine and lawn mower.

Follow the set of instructions pertaining to your unit. Refer to engine manual for help with the engine.

Briggs & Stratton/ Kawasaki Engine:

1. If equipped, push primer three times (Kawasaki - one time). Wait about two seconds between each push. See Figure 4-2. In temperature around 55° F or below, prime five times. Do not prime to restart a warm engine.
2. Standing behind the mower, squeeze the blade control against upper handle. See Figure 4-2.
3. Holding these two handles together firmly, grasp recoil starter handle and pull rope out with a rapid, continuous, full arm stroke. See Figure 4-2. Keeping a firm grip on the starter handle, let the rope rewind slowly. Repeat until engine cranks. Let the rope rewind each time slowly.

Honda Engine:

1. Place the fuel valve lever found on the left side of the engine into the ON (OPEN) position. See Figure 4-3.
2. Move the choke lever (if equipped) all the way backward into the choke position.
3. Standing behind the mower, squeeze the blade control against upper handle. See Figure 4-3. The choke will now begin to slowly return to the off choke position after activating the blade control. Therefore, quickly move onto step four below.
4. Holding these two handles together firmly, grasp recoil starter handle and pull rope out with a rapid, continuous, full arm stroke. See Figure 4-3. Keeping a firm grip on the starter handle let the rope rewind slowly. Repeat until engine cranks. Let the rope rewind each time slowly.



WARNING: Wait for the blade to stop completely before performing any work on the mower or to remove the grass catcher.

Stopping Engine

1. Release blade control to stop the engine and blade.
2. Disconnect spark plug wire from spark plug and ground against the engine.

Using Your Lawn Mower

Be sure lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine. Such objects could be accidentally thrown by the mower in

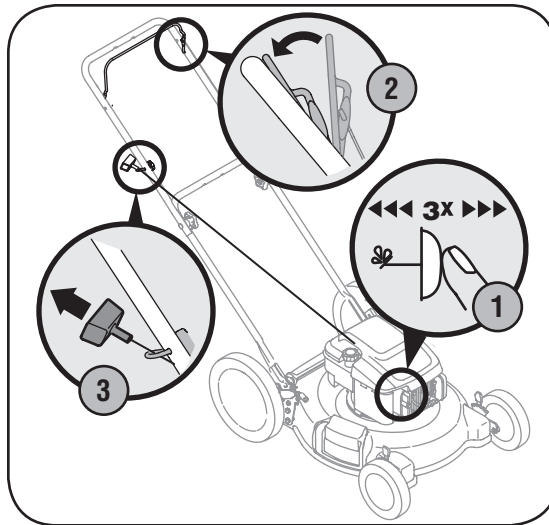


Figure 4-2: Starting the Briggs & Stratton engine.

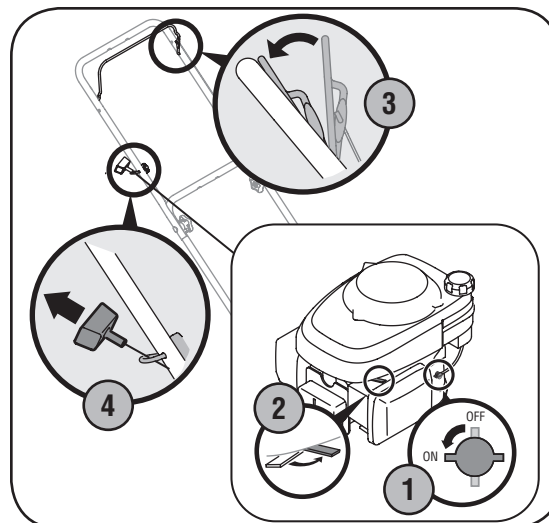


Figure 4-3: Starting the Honda engine.

any direction and cause serious personal injury to the operator and others.



WARNING: If you strike a foreign object, stop the engine. Remove wire from the spark plug, thoroughly inspect mower for any damage, and repair damage before restarting and operating. Extensive vibration of mower during operation is an indication of damage. The unit should be promptly inspected and repaired.

Using as Mulcher

For mulching grass, remove the grass catcher and side discharge chute from the mower. For effective mulching, do not cut wet grass. If the grass has been allowed to grow in excess of four inches, mulching is not recommended. Use the grass catcher to bag clippings instead.

Using Grass Catcher

You can use the grass catcher to collect clippings while you are operating the mower. Refer to setup section for instructions on attaching the grass catcher.

4

Operating Your Lawn Mower



WARNING

The operation of any lawn mower can result in foreign objects being thrown into the eyes, which can damage your eyes severely. Always wear safety glasses while operating the mower or while performing any adjustments or repairs on it.

Be sure no one other than the operator is standing near the lawn mower while starting engine or operating mower. Never run engine indoors or in enclosed, poorly ventilated areas. Engine exhaust contains carbon monoxide, an odorless and deadly gas. Keep hands, feet, hair and loose clothing away from any moving parts on engine and lawn mower.

5

Maintaining Your Lawn Mower



WARNING

Always stop engine, disconnect spark plug, and ground against engine before performing any type of maintenance on your machine.



Do not use a pressure washer or garden hose to clean your unit. These may cause damage to electric components, spindles, pulleys, bearings, or the engine. The use of water will result in shortened life and reduce serviceability.

This Operator's Manual covers several models. Lawn Mower features vary by model. Not all features discussed (or engines pictured) in this manual are applicable to all Lawn Mower models.

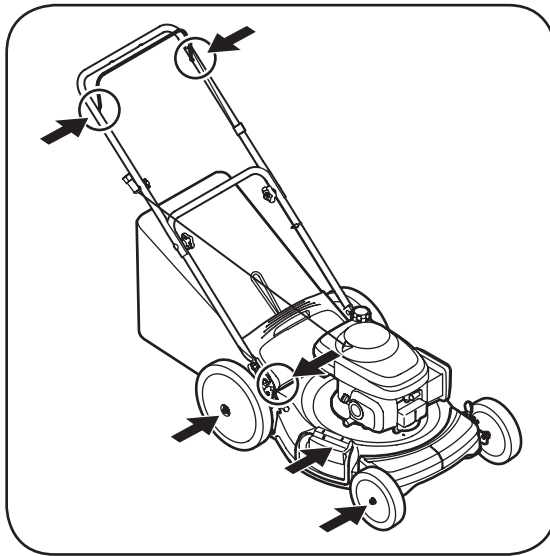


Figure 5-1: Areas to lubricate on mower.

General Recommendations

- Always observe safety rules when performing any maintenance.
- The warranty on this lawn mower does not cover items that have been subjected to operator abuse or negligence. To receive full value from warranty, operator must maintain the lawn mower as instructed here.
- Changing of engine-governed speed will void engine warranty.
- All adjustments should be checked at least once each season.
- Periodically check all fasteners and make sure these are tight.



WARNING: Always stop engine, disconnect spark plug, and ground against engine before performing any type of maintenance on your machine.

Lubrication

1. Lubricate pivot points on the blade control at least once a season with light oil. The blade control must operate freely in both directions. See Figure 5-1.
2. Lubricate the wheels at least once a season with light oil (or motor oil). If wheels are removed for any reason, lubricate surface of the pivot arm and inner surface of the wheel with light oil. See Figure 5-1.
3. Lubricate the torsion springs and pivot point on the rear discharge door and side mulch plug periodically with light oil to prevent rust. See Figure 5-1.
4. Follow the accompanying engine manual for lubrication schedule and instruction for engine lubrication.

Deck Care

Clean underside of the mower deck after each use to prevent build-up of grass clippings or other debris. Follow steps below for this job.

1. Disconnect spark plug wire. Drain gasoline from lawn mower or place a piece of plastic under the gas cap.
2. Tip mower so that it rests on the engine. Keep the side with the air cleaner facing up. Hold mower firmly.



WARNING: Never tip the mower more than 90° in any direction and do not leave the mower tipped for any length of time. Oil can drain into the upper part of the engine causing a starting problem.

3. Scrape and clean the underside of the deck with a suitable tool. Do not spray with water.
4. Put the mower back on its wheels on the ground. If you had put plastic under the gas cap earlier, make sure to remove it now.

Engine Care

A list of key engine maintenance jobs required for good performance by the mower is given below. Follow the accompanying engine manual for a detailed list and instructions.

- Maintain oil level as instructed in engine manual.
- Service air cleaner every 25 hours under normal conditions. Clean every few hours under extremely dusty conditions. Poor engine performance and flooding usually indicates that the air cleaner should be serviced. To service the air cleaner, refer to the engine manual.
- Clean spark plug and reset the gap once a season. Spark plug replacement is recommended at the start of each mowing season. Check engine manual for correct plug type and gap specifications.
- Clean engine regularly with a cloth or brush. Keep the top of the engine clean to permit proper air circulation. Remove all grass, dirt, and combustible debris from muffler area.

Blade Care



WARNING: When removing the cutting blade for sharpening or replacement, protect your hands with a pair of heavy gloves or use a heavy rag to hold the blade.

Periodically inspect the blade adapter for cracks, especially if you strike a foreign object. Replace when necessary. Follow the steps below for blade service.

1. Disconnect spark plug wire from spark plug. Turn mower on its side making sure that the air filter and the carburetor are facing up.
2. Remove the bolt and the blade bell support which hold the blade and the blade adapter to the engine crankshaft, Figure 5-2.
3. Remove blade and adapter from the crankshaft, Figure 5-2.
4. The blade can be sharpened with a file or on a grinding wheel. Do not attempt to sharpen the blade while it is still on the mower.

When sharpening the blade, follow the original angle of grind. Grind each cutting edge equally to keep the blade balanced.

5. To test for balance, remove blade and balance on a round shaft screwdriver. Remove metal from the heavy side until it balances evenly.



WARNING: An unbalanced blade will cause excessive vibration when rotating at high speeds. It may cause damage to mower and could break causing personal injury.

6. Lubricate the engine crankshaft and the inner surface of the blade adapter with light oil. Slide the blade adapter onto the engine crankshaft.
7. Place the blade on the adapter such that the side of the blade marked "Bottom" (or with part number) faces the ground when the mower is in the operating position. Make sure that the blade is aligned and seated on the blade adapter flanges.
8. Place blade bell support on the blade. Align notches on the blade bell support with small holes in blade.
9. Replace hex bolt and tighten hex bolt to torque: 450 in. lbs. min., 600 in. lbs. max.

To ensure safe operation of your mower, periodically check the blade bolt for correct torque.

Replacing Rear Flap

1. To remove rear flap, lift rear door, and press flap in on either side to remove from hole. See Figure 5-3.
2. Remove flap from opposite hole and replace with new flap in the opposite order and manner of removal.

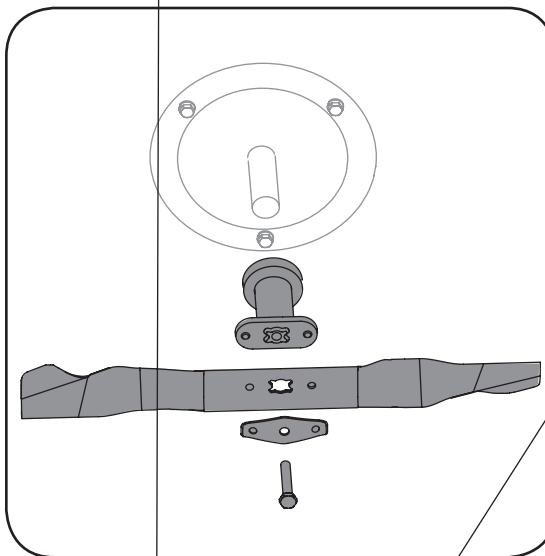


Figure 5-2: Remove the bolt, support, and adapter to access the blade.

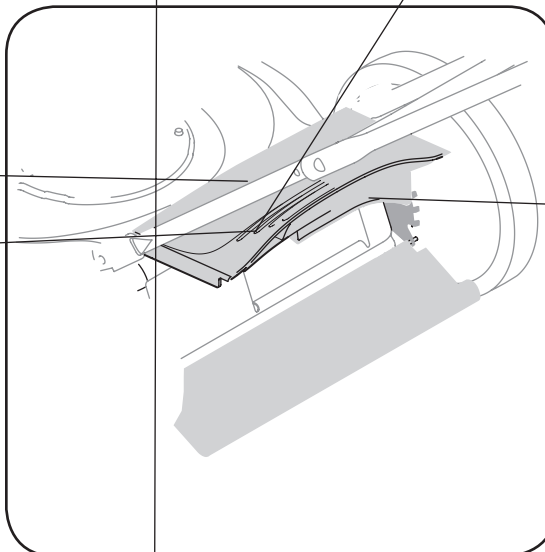


Figure 5-3: Remove rear flap.

Off-Season Storage

The following steps should be taken to prepare your lawn mower for storage.

- Clean and lubricate mower thoroughly as described in the lubrication instructions.
- Do not use a pressure washer or garden hose to clean your unit.
- Refer to engine manual for correct engine storage instructions.
- Coat mower's cutting blade with chassis grease to prevent rusting.
- Store mower in a dry, clean area. Do not store next to corrosive materials, such as fertilizer.

When storing any type of power equipment in a poorly ventilated or metal storage shed, care should be taken to rust-proof the equipment. Using a light oil or silicone, coat the equipment, especially cables and all moving parts of your lawn mower before storage.

5

Maintaining Your Lawn Mower



WARNING

When removing the cutting blade for sharpening or replacement, protect your hands with a pair of heavy gloves or use a heavy rag to hold the blade.

An unbalanced blade will cause excessive vibration when rotating at high speeds. It may cause damage to mower and could break causing personal injury.

6

Trouble Shooting



For repairs beyond the minor adjustments listed here, contact an authorized service dealer.

NOTE: Specifications are subject to change without notification or obligation. Images may not reflect your exact model and are for reference purposes only.

Problem	Cause	Remedy
Engine fails to start	<ol style="list-style-type: none"> 1. Blade control disengaged. 2. Spark plug wire disconnected. 3. Fuel tank empty or stale fuel. 4. Engine not primed (if equipped with primer). 5. Faulty spark plug. 6. Blocked fuel line. 7. Engine flooded. 8. Fuel valve (if equipped) closed. 9. Engine not choked (if equipped w/choke). 	<ol style="list-style-type: none"> 1. Engage blade control. 2. Connect wire to spark plug. 3. Fill tank with clean, fresh gasoline. 4. Prime engine as instructed in "Operating Your Lawn Mower". 5. Clean, adjust gap, or replace. 6. Clean fuel line. 7. Wait a few minutes to restart, but do not prime. 8. Open fuel valve. See engine manual. 9. Choke engine. See engine manual.
Engine runs erratic	<ol style="list-style-type: none"> 1. Spark plug wire loose. 2. Blocked fuel line or stale fuel. 3. Vent in gas cap plugged. 4. Water or dirt in fuel system. 5. Dirty air cleaner. 6. Carburetor out of adjustment. 	<ol style="list-style-type: none"> 1. Connect and tighten spark plug wire. 2. Clean fuel line; fill tank with clean, fresh gasoline. 3. Clear vent. 4. Drain fuel tank. Refill with fresh fuel. 5. Refer to engine manual. 6. Refer to engine manual.
Engine overheats	<ol style="list-style-type: none"> 1. Engine oil level low. 2. Air flow restricted. 3. Carburetor not adjusted properly. 	<ol style="list-style-type: none"> 1. Fill crankcase with proper oil. 2. Clean accumulated debris from engine. 3. Refer to engine manual.
Occasional skips (hesitates) at high speed	<ol style="list-style-type: none"> 1. Spark plug gap too close. 2. Carburetor idle mixture adjustment improperly set. 	<ol style="list-style-type: none"> 1. Adjust gap to .030-inch. 2. Refer to engine manual.
Idles poorly	<ol style="list-style-type: none"> 1. Spark plug fouled, faulty or gap too wide. 2. Carburetor improperly adjusted. 3. Dirty air cleaner. 	<ol style="list-style-type: none"> 1. Reset gap to .030-inch or replace spark plug. 2. Refer to engine manual. 3. Refer to engine manual.
Excessive Vibration	<ol style="list-style-type: none"> 1. Cutting blade loose or unbalanced. 2. Bent cutting blade. 	<ol style="list-style-type: none"> 1. Tighten blade and adapter. Balance blade. 2. See an authorized service dealer.
Mower will not mulch grass	<ol style="list-style-type: none"> 1. Wet grass. 2. Excessively high grass. 3. Dull blade. 	<ol style="list-style-type: none"> 1. Do not mow when grass is wet; wait until later to cut. 2. Mow once at a high cutting height, then mow again at desired height or make a narrower cutting path. 3. Sharpen or replace blade.
Uneven cut	<ol style="list-style-type: none"> 1. Wheels not positioned correctly. 2. Dull blade. 	<ol style="list-style-type: none"> 1. Place all four wheels in same height position. 2. Sharpen or replace blade.

Safety Labels Found On Your Lawn Mower



S32102 CD

7

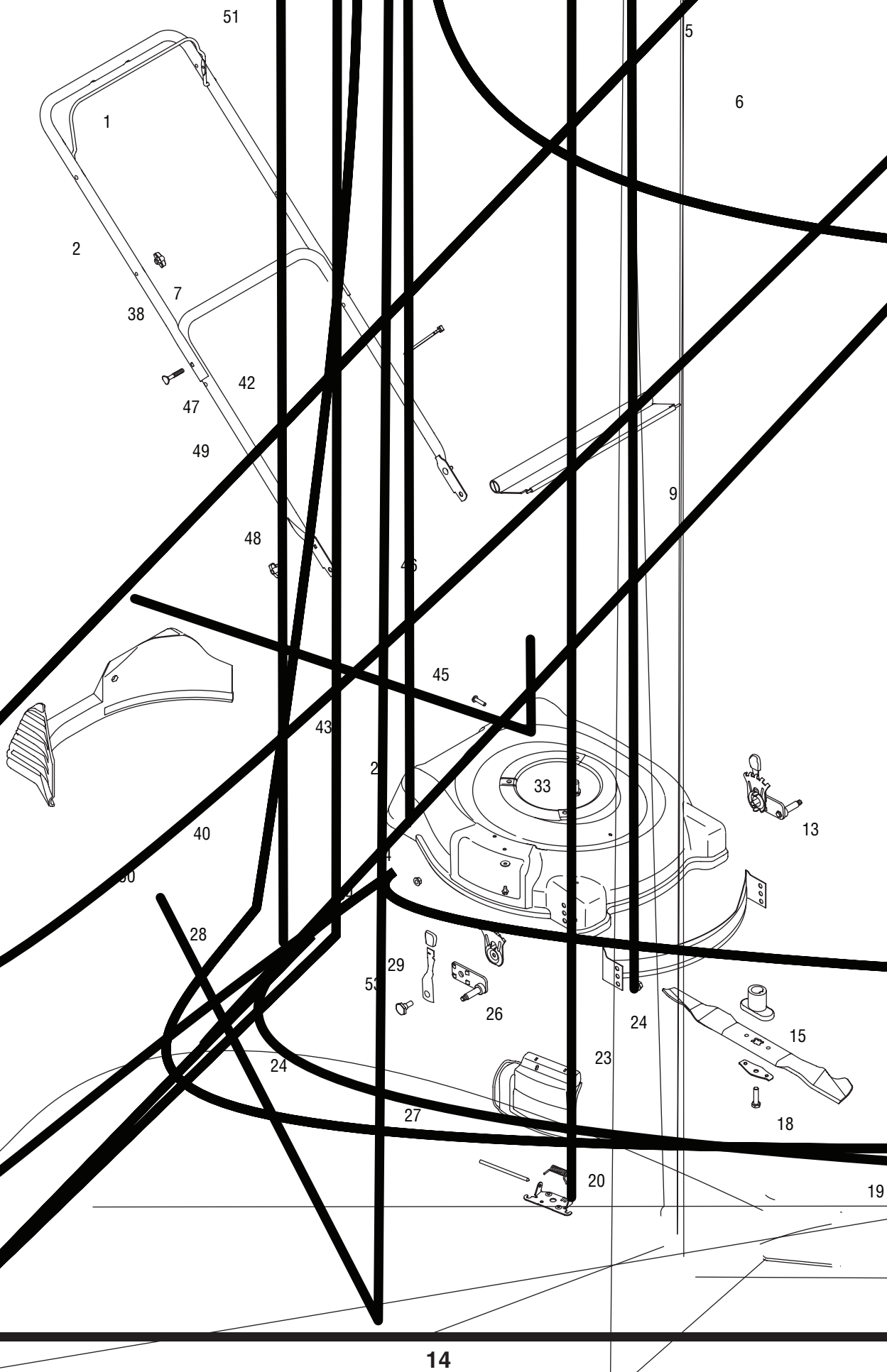
Safety Labels



WARNING

DO NOT remove safety (or any) labels from mower for any reason.

Model Series 540



MANUFACTURER'S LIMITED WARRANTY FOR



The limited warranty set forth below is given by Troy-Bilt LLC with respect to new merchandise purchased and used in the United States and/or its territories and possessions, and by MTD Products Limited with respect to new merchandise purchased and used in Canada and/or its territories and possessions (either entity respectively, "Troy-Bilt").

"Troy-Bilt" warrants this product (excluding its *Normal Wear Parts and Attachments* as described below) against defects in material and workmanship for a period of two (2) years commencing on the date of original purchase and will, at its option, repair or replace, free of charge, any part found to be defective in materials or workmanship. This limited warranty shall only apply if this product has been operated and maintained in accordance with the Operator's Manual furnished with the product, and has not been subject to misuse, abuse, commercial use, neglect, accident, improper maintenance, alteration, vandalism, theft, fire, water, or damage because of other peril or natural disaster. Damage resulting from the installation or use of any part, accessory or attachment not approved by Troy-Bilt for use with the product(s) covered by this manual will void your warranty as to any resulting damage.

Normal Wear Parts are warranted to be free from defects in material and workmanship for a period of thirty (30) days from the date of purchase. Normal wear parts include, but are not limited to items such as: batteries, belts, blades, blade adapters, tines, grass bags, wheels, rider deck wheels, seats, snow thrower skid shoes, friction wheels, shave plates, auger spiral rubber and tires.

Attachments — Troy-Bilt warrants attachments for this product against defects in material and workmanship for a period of one (1) year, commencing on the date of the attachment's original purchase or lease. Attachments include, but are not limited to items such as: grass collectors and mulch kits.

HOW TO OBTAIN SERVICE: Warranty service is available, WITH PROOF OF PURCHASE, through your local authorized service dealer. To locate the dealer in your area:

In the U.S.A.

Check your Yellow Pages, or contact Troy-Bilt LLC at P.O. Box 361131, Cleveland, Ohio 44136-0019, or call 1-866-840-6483, 1-330-558-7220 or log on to our Web site at www.troybilt.com.

In Canada

Contact MTD Products Limited, Kitchener, ON N2G 4J1, or call 1-800-668-1238 or log on to our Web site at www.mtdcanada.com.

This limited warranty does **not** provide coverage in the following cases:

- The engine or component parts thereof. These items may carry a separate manufacturer's warranty. Refer to applicable manufacturer's warranty for terms and conditions.
- Log splitter pumps, valves, and cylinders have a separate one-year warranty.

- Routine maintenance items such as lubricants, filters, blade sharpening, tune-ups, brake adjustments, clutch adjustments, deck adjustments, and normal deterioration of the exterior finish due to use or exposure.
- Service completed by someone other than an authorized service dealer.
- Troy-Bilt does not extend any warranty for products sold or exported outside of the United States and/or Canada, and their respective possessions and territories, except those sold through Troy-Bilt's authorized channels of export distribution.
- Replacement parts that are not genuine Troy-Bilt parts.
- Transportation charges and service calls.
- Troy-Bilt does not warrant this product for commercial use.

No implied warranty, including any implied warranty of merchantability of fitness for a particular purpose, applies after the applicable period of express written warranty above as to the parts as identified. No other express warranty, whether written or oral, except as mentioned above, given by any person or entity, including a dealer or retailer, with respect to any product, shall bind Troy-Bilt. During the period of the warranty, the exclusive remedy is repair or replacement of the product as set forth above.

The provisions as set forth in this warranty provide the sole and exclusive remedy arising from the sale. Troy-Bilt shall not be liable for incidental or consequential loss or damage including, without limitation, expenses incurred for substitute or replacement lawn care services or for rental expenses to temporarily replace a warranted product.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

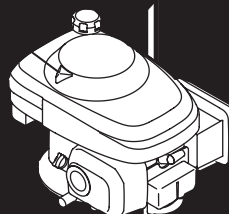
In no event shall recovery of any kind be greater than the amount of the purchase price of the product sold. **Alteration of safety features of the product shall void this warranty.** You assume the risk and liability for loss, damage, or injury to you and your property and/or to others and their property arising out of the misuse or inability to use the product.

This limited warranty shall not extend to anyone other than the original purchaser or to the person for whom it was purchased as a gift.

HOW STATE LAW RELATES TO THIS WARRANTY: This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

IMPORTANT: Owner must present Original Proof of Purchase to obtain warranty coverage.

Troy-Bilt LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019; Phone: 1-866-840-6483, 1-330-558-7220
MTD Canada Limited - KITCHENER, ON N2G 4J1; Phone 1-800-668-1238



adora rotat

LEA CON A

Advertencia: Esta unidad
por bosque, malezas o hi
yes locales o estatal
ones de uso ade
recursos Públ
u distribuid
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MPP
M

Este manual de operador es una parte importante de su nueva máquina podadora. Le ayudará a montar, preparar y mantener la unidad para obtener los mejores resultados. Por favor lea y comprenda el contenido del manual.

Índice

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Prácticas de seguridad en la operación.....	20	Etiquetas de seguridad	29
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Búsqueda y registro del número de modelo

ANTES DE COMENZAR A ENSAMBLAR SU NUEVO EQUIPO,

por favor localice la placa del modelo en el equipo y copie la información en la placa modelo a la derecha. Para encontrar la placa de modelo colóquese detrás de la unidad en la posición del operador y mire hacia abajo en la parte posterior de la cubierta. La presente información resultará necesaria para el uso del sitio web del fabricante y / o para solicitar ayuda del Departamento de Asistencia al Cliente o de un distribuidor autorizado.

 **TROY-BILT®**
www.troybilt.com

TROY-BILT LLC
P. O. BOX 361131
CLEVELAND, OH 44136
330-558-7220
800-828-5500

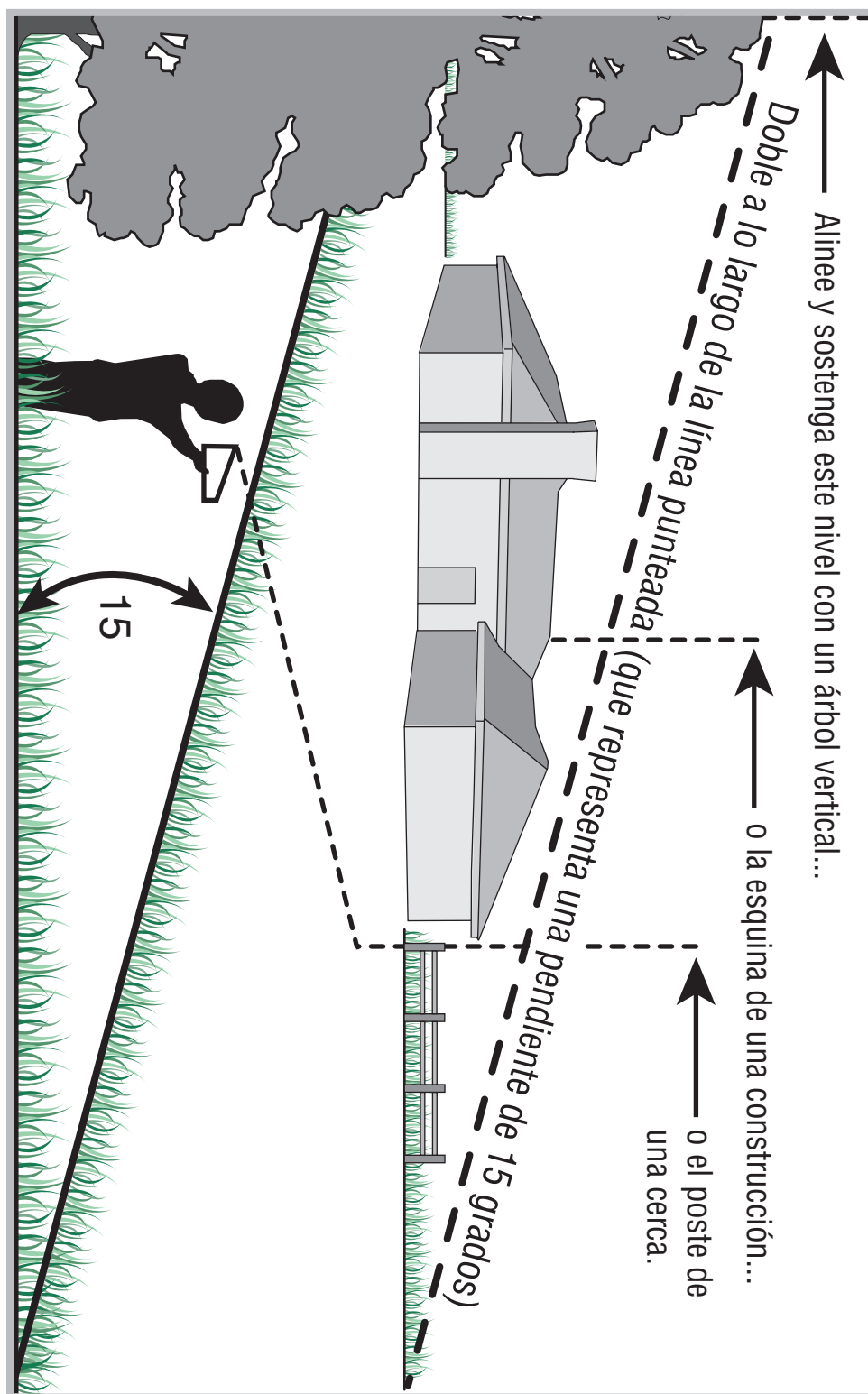
Asistencia al Cliente

Por favor, NO devuelva la unidad al minorista a quien se la adquirió sin contactarse primero con el Departamento de Asistencia al Cliente.

En caso de tener problemas para ensamblar este producto o de tener dudas con respecto a los controles, funcionamiento o mantenimiento del mismo, puede solicitar la ayuda de los expertos. Elija entre las opciones que se presentan a continuación:

1. Visite troybilt.com.
2. Si desea contactarse con un Representante del Departamento de Asistencia al Cliente, por favor comuníquese al 1-800-828-5500.
3. El fabricante del motor es el responsable de todas las cuestiones relacionadas con el rendimiento, potencia de salida, especificaciones, garantía y mantenimiento del motor. Por favor, para mayor confirmación, consulte el manual del propietario/operador del fabricante del motor que es enviado, en un paquete por separado, junto con su unidad.

Use esta página como guía para determinar las inclinaciones de las pendientes en las que podría no tener una operación segura. No opere la podadora en dichas pendientes.



1

Indica- dor de pendien- te



ADVER- TENCIA

No puede en inclina-
ciones mayores a 15
grados (elevación
aproximada de 2
1/2 pies por cada 10
pies). Una podadora
en movimiento podría
voltearse y causar
lesiones severas.
Si en una pendiente
opera una podadora
ubicado detrás de la
misma, es extremada-
mente difícil mantener
el equilibrio y podría
resbalarse y sufrir
lesiones graves.

Opere las podadoras
MONTABLES arriba y
abajo de las pendientes,
nunca cruzando el frente
de las pendientes.

Opere las podadoras
QUE SE EMPUJAN de
manera que crucen el
frente de las pendientes,
nunca hacia arriba y
hacia abajo.

2

10. Muchas lesiones ocurren como resultado de pasar la cortadora sobre los pies durante una caída provocada por derrapes o tropiezos. No se sostenga de la podadora si se está cayendo, suelte la manija inmediatamente.
11. Nunca tire hacia usted la podadora mientras camina. Si debe retroceder la podadora para evitar una pared u obstáculo, mire primero abajo y atrás para evitar tropezarse y luego siga estos pasos:
 - a. Retroceda de la podadora hasta estirar completamente sus brazos.
 - b. Asegúrese que está bien equilibrado y bien parado.
 - c. Tire de la podadora lentamente hacia usted, no más allá de la mitad de la distancia entre usted y la podadora.
 - d. Repita estos pasos como se requiera.
12. No opere esta máquina estando bajo los efectos del alcohol o de drogas.
13. No embrague el mecanismo de autopropulsión en unidades con este equipo mientras arranca el motor.
14. El mecanismo de control de la cuchilla es un dispositivo de seguridad. Nunca intente desviarse de su funcionamiento. De hacerlo no funcionarían los dispositivos de seguridad y podrían producirse lesiones personales por el contacto con las cuchillas giratorias. Las manijas de control de la cuchilla deben funcionar bien en ambas direcciones y regresar automáticamente a la posición de desengrane cuando se las suelta.
15. Nunca opere la podadora en césped húmedo. Siempre esté seguro de su equilibrio. Si tropieza y cae puede lesionarse gravemente. Si siente que pierde el equilibrio, suelte inmediatamente la manija de control de la cuchilla y la cuchilla dejará de girar en tres segundos.
16. Corte el césped solamente con luz de día o con una buena luz artificial. Camine, nunca corra.
17. Detenga la cuchilla cuando cruce caminos de gravilla, pasos o andadores.
18. Si la máquina comenzara a vibrar de manera anormal, detenga el motor, y busque inmediatamente la causa. La vibración por lo general es una advertencia de algún problema.
19. Apague el motor y espere hasta que la cuchilla se detenga completamente antes de retirar la guarda para el recorte de césped o desatorar la tolva. La cuchilla continúa girando por unos cuantos segundos después que el motor se ha apagado. Nunca coloque ninguna parte del cuerpo en el área de la cuchilla hasta que esté seguro que la cuchilla ha detenido su movimiento rotatorio.
20. Nunca opere la cortadora sin las guardas apropiadas, cubierta de descarga, guarda para recorte, manija de control de la cuchilla y otros dispositivos de seguridad y protección en su lugar y funcionando. Nunca opere la cortadora si los dispositivos de seguridad están dañados. Si no lo hace, esto puede tener como resultado lesiones.
21. El silenciador y el motor se calientan y pueden producir quemaduras. No los toque.
22. Utilice solamente partes y accesorios fabricados especialmente para esta máquina, originales del fabricante (OEM). Si no lo hace, esto puede tener como resultado lesiones personales.
23. Si se presentan situaciones que no están previstas en este manual sea cuidadoso y use el sentido común. Marque para contactar el departamento de atención al cliente y obtener el nombre de su distribuidor más cercano.

Funcionamiento en pendientes:

Las pendientes son un factor importante que se relaciona con los accidentes producidos por derrapes y caídas y que pueden producir lesiones graves. La operación en pendientes requiere mayor precaución. Si no se siente seguro en una pendiente, no la pade. Para seguridad, use el medidor de pendientes que se incluye como parte de este manual para medir la pendiente antes de operar la unidad en una zona inclinada. Si la pendiente supera los 15 grados, no la pade.

Haga lo siguiente:

1. Mueva la podadora a través de las caras de la pendiente, nunca hacia arriba y abajo. Tenga cuidado cuando cambie de dirección cuando opere la máquina en pendientes.
2. Esté atento a los agujeros, raíces, rocas, objetos ocultos o abultamientos que puedan provocar que se derrape o se tropiece. El césped alto puede ocultar obstáculos.
3. Siempre esté seguro de su equilibrio. Si tropieza y cae puede lesionarse gravemente. Si siente que pierde el equilibrio, suelte inmediatamente la manija de control de la cuchilla y la cuchilla dejará de girar en tres (3) segundos.

No haga lo siguiente:

1. No corte el césped cerca de pozos, hundimientos, bancos, podría perder el equilibrio.
2. No pade pendientes mayores de 15 grados como lo indica el medidor de pendientes.
3. No pade el césped húmedo. Si no está firmemente parado, puede resbalar.

Servicio

1. Nunca encienda un motor en espacios cerrados o en una zona con poca ventilación. El escape del motor contiene monóxido de carbono, un gas inodoro y letal.
2. Before cleaning, repairing, or inspecting, make certain the Antes de limpiar, reparar o inspeccionar la máquina, compruebe que la cuchilla y todas las partes que se mueven se han detenido. Desconecte el cable de la bujía y póngalo de manera que haga masa contra el motor para evitar que se encienda de manera accidental.
3. Revise los pernos de montaje de la cuchilla y del motor a intervalos frecuentes para verificar que estén bien apretados. Inspeccione además visualmente la cuchilla en busca de daños (abolladuras, desgaste, roturas, etc.). Reemplace la cuchilla con equipo original del fabricante (OEM) listado en este manual. "La utilización de partes que no cumplan con las especificaciones de equipos originales podría tener como resultado un rendimiento incorrecto y además la seguridad podría estar comprometida"
4. Las cuchillas de las podadoras son muy afiladas y podrían cortarlo. Envuelva la cuchilla o utilice guantes y extreme precauciones cuando le de servicio.
5. Mantenga todos los pernos, tuercas y tornillos bien ajustados para asegurarse que la máquina se encuentra en condiciones seguras de operación.
6. Nunca manipule los dispositivos de seguridad de manera imprudente. Controle periódicamente que funcionen de forma adecuada.
7. After striking a foreign object, stop the engine, disconnect the spark Después de golpear con algún objeto extraño, detenga el motor, desconecte el cable de la bujía y conecte el motor a masa. Inspeccione minuciosamente la máquina para determinar si está dañada. Repare el daño antes de encenderla y operarla.
8. Nunca trate de ajustar una rueda o la altura de corte mientras el motor está en marcha.
9. Los componentes de la tolva para recorte, cubierta de descarga y escudo de riel, están sujetos a desgaste y daños que podría dejar expuestas partes que se mueven o permitir que se arrojen objetos. Para proteger su seguridad, verifique frecuentemente todos los componentes y reemplácelos sólo con partes de los fabricantes de equipos originales (O.E.M.) listadas en este manual. "La utilización de partes que no cumplan con las especificaciones de equipos originales podría tener como resultado un rendimiento incorrecto y además la seguridad podría estar comprometida"
10. No cambie la configuración del regulador del motor ni acelere demasiado el mismo. El regulador controla la velocidad máxima segura de operación del motor.
11. Mantenga o reemplace las etiquetas de seguridad, según sea necesario.
12. Observe las leyes y normas aplicables para disponer adecuadamente de los desechos. La descarga inapropiada de líquidos o materiales puede dañar el medio ambiente.

2

Prácticas de seguridad en la operación

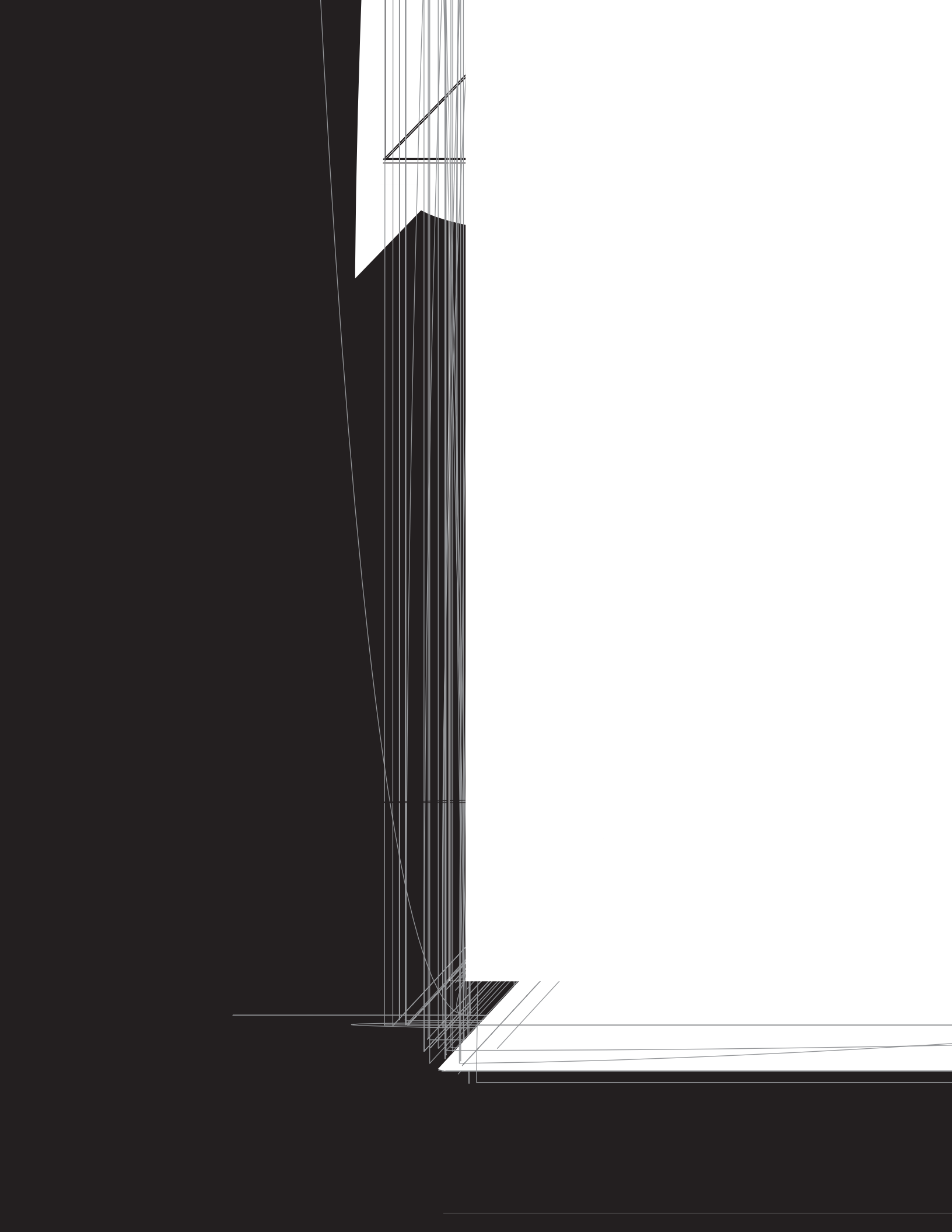


ADVERTENCIA:

Este símbolo indica instrucciones de seguridad importantes que de no seguirse, se podría poner en peligro la seguridad personal y/o la propiedad suya y de terceros. Lea y siga todas las instrucciones en este manual antes de iniciar la operación de esta máquina. En caso de no seguir estas instrucciones podría provocar lesiones personales. Cuando vea este símbolo

SIGA LA ADVERTENCIA Su responsabilidad:

Sólo permita que usen esta máquina eléctrica las personas que lean, comprendan y respeten las advertencias y las instrucciones que aparecen en este manual y en la máquina.



5. Siga los pasos a continuación para ensamblar el colector de césped. Asegúrese que la bolsa para recortes está con el lado derecho hacia afuera antes de ensamblar (la etiqueta de advertencia estará hacia afuera).

- Coloque la bolsa sobre el marco de modo que el lado de plástico negro quede en el fondo.
- Deslice el canal de plástico de la bolsa de recolección sobre los ganchos en el marco, Figura 3-5. Todos los canales plásticos excepto la parte central superior de la bolsa se acoplan desde la parte exterior de la bolsa.

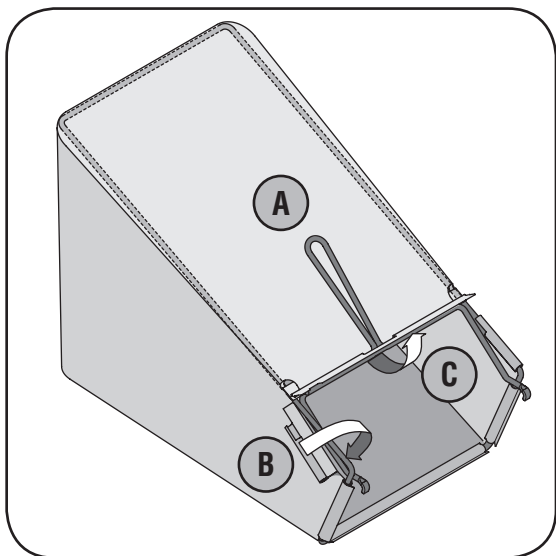


Figura 3-5: Ensamble el colector de césped.

- Una la parte central superior de la bolsa desde adentro de la misma.
6. Siga los pasos a continuación para ensamblar el colector de césped:
- Eleve la puerta de descarga posterior, Figura 3-6.
 - Coloque el colector de césped en la varilla de pivote. Suelte la puerta de descarga de modo que descansa sobre el colector de césped.

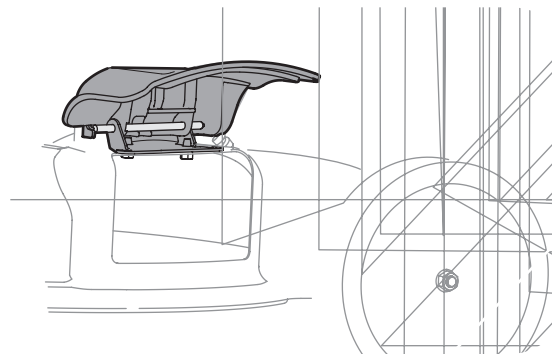


ADVERTENCIA: Nunca opere la podadora a

menos que los ganchos del colector de césped estén firmemente asentados en la varilla de pivote y la puerta de descarga posterior descansa firmemente contra la parte superior del colector de césped.

7. Su podadora ha sido enviada como abonadora. Si hace la conversión a descarga lateral, asegúrese de que el colector de césped esté fuera de la unidad y que la puerta de descarga trasera esté cerrada.

- En el costado de la podadora, levante el adaptador para abono, Figura 3-7.
- Deslice los dos ganchos del canal de descarga lateral debajo del pasador de bisagra sobre el montaje del adaptador para abono. Baje el adaptador para abono. No extraiga la clavija para abono lateral en cualquier momento, aún cuando no esté abonando.



3

Configuración y ajustes



ADVERTENCIA

Nunca opere la podadora sin que el adaptador para abono, el colector de césped o el canal de descarga estén debidamente instalados.



NOTA: Cuando ajuste la altura de corte, todas las ruedas deben estar posicionadas a la misma altura.

Cuidado de la cuchilla



ADVERTENCIA: Cuando saque la cuchilla de corte para afilarla o reemplazarla, protéjase las manos usando un par de guantes para trabajo rudo o un trapo grueso para sostener la cuchilla.

Inspeccione periódicamente el adaptador de la cuchilla en busca de rajaduras, especialmente cuando golpee un objeto extraño. Realice los reemplazos que resulten necesarios. Siga los pasos que aparecen debajo para realizar el mantenimiento de la cuchilla.

1. Desconecte el cable de la bujía. Gire la podadora sobre el costado y compruebe que el filtro de aire y el carburador queden mirando hacia arriba.
2. Saque el perno y el soporte de campana de la cuchilla que sostienen la cuchilla y el adaptador de la misma al cigüeñal del motor, Figura 5-2.
3. Saque la cuchilla y el adaptador del cigüeñal, Figura 5-2.
4. Se puede afilar la cuchilla con una lima o con una rueda abrasiva. No intente afilar la cuchilla mientras se encuentra instalada en la podadora.

Cuando afile la cuchilla, siga el ángulo original de la muela como guía. Afíle cada borde de corte por igual para mantener el balance de la cuchilla.

5. Para comprobar el equilibrio, retire la cuchilla y balancee sobre un destornillador de eje redondo. Saque metal del lado pesado hasta que quede bien equilibrada.



ADVERTENCIA: Si la cuchilla está desequilibrada generará vibraciones excesivas cuando rote a altas velocidades. Esto puede producir daños a la podadora, y se puede romper, causando así lesiones personales.

6. Lubrique el cigüeñal del motor y la superficie interna del adaptador de la cuchilla con aceite ligero. Deslice el adaptador de la cuchilla sobre el cigüeñal del motor.
7. Instale la cuchilla con el lado marcado "Bottom" (inferior) o con el número de parte hacia el piso cuando la podadora está en posición de operación. Asegúrese que la cuchilla quede alineada y asentada en las bridas del adaptador.
8. Coloque el soporte de campana de la cuchilla en la misma. Alinee las muescas del soporte de campana de la cuchilla con los orificios pequeños de la cuchilla.
9. Vuelva a colocar el perno hexagonal y ajústelo según los siguientes valores de torsión: 450 lb-pulg como mínimo, 600 lb-pulg como máximo.

Para asegurar la operación segura de la podadora revise periódicamente el perno de la cuchilla para determinar si está bien ajustado.

Reemplazo de alerón trasero

1. Para quitar la tapa trasera, levante la puerta trasera, y la tapa de prensa en a ambos lados para quitar del agujero. Ver la Figura 5-3.
2. Quite la tapa del agujero de enfrente y sustituya por la nueva tapa en la orden de enfrente y la manera del retiro.

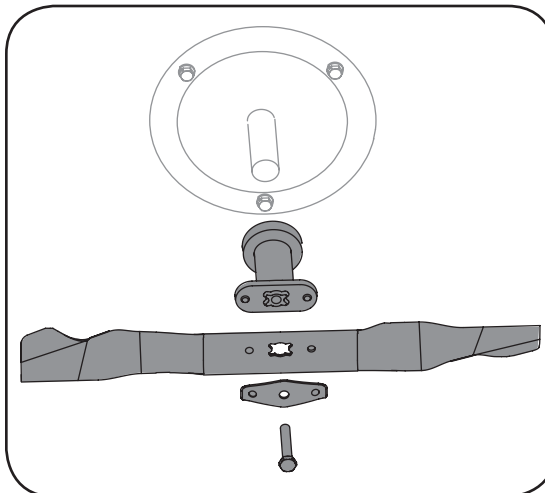


Figura 5-2: Retire el perno, soporte y adaptador para tener acceso a la cuchilla.

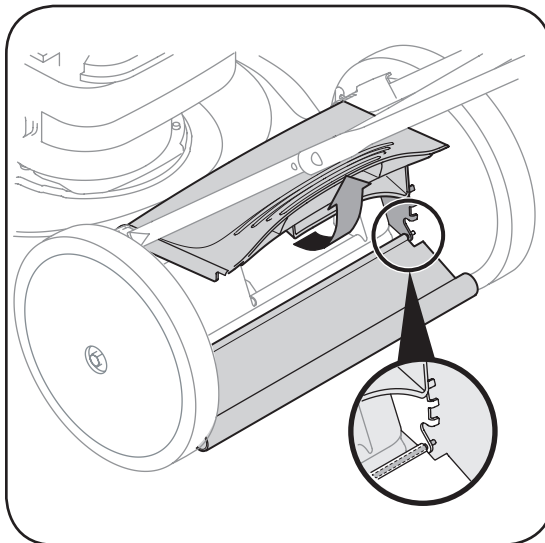


Figura 5-3: Corte el cable para sacar al alerón trasero

Almacenamiento fuera de temporada

Se deben seguir estos pasos para la preparación de la podadora para su almacenamiento.

- Limpie y lubrique la podadora como se describe en las instrucciones de lubricación.
- No utilice una lavadora a presión o manguera de jardín para limpiar su unidad.
- Consulte el manual del motor para conocer las instrucciones para el almacenamiento correcto del mismo
- Cubra la cuchilla con grasa para chasis para impedir la oxidación.
- Almacene la unidad en una zona limpia y seca. No la almacene cerca de materiales corrosivos como por ejemplo fertilizantes.

Cuando almacene cualquier tipo de equipo motorizado en un galpón de depósito metálico o con poca ventilación, tenga especial cuidado de realizarle un tratamiento antioxidante al equipo. Use aceite ligero o silicona para recubrir el equipo, especialmente los cables y partes móviles de su podadora antes de almacenarla.

5

Mantenimiento de la podadora



ADVERTENCIA

Cuando saque la cuchilla de corte para afilarla o reemplazarla, protéjase las manos usando un par de guantes para trabajo rudo o un trapo grueso para sostener la cuchilla.

Si la cuchilla está desequilibrada generará vibraciones excesivas cuando rote a altas velocidades. Esto puede producir daños a la podadora, y se puede romper, causando así lesiones personales.

6

Solución de problemas



Si debe realizar reparaciones más importantes que las enunciadas aquí, comuníquese con el distribuidor local autorizado.

Problema	Causa	Remedio
El motor no arranca	<ol style="list-style-type: none"> Control de la cuchilla desenganchado. Se ha desconectado el cable de la bujía. El tanque de combustible está vacío o el combustible es viejo. El motor no está cebado. La bujía no funciona correctamente. La línea del combustible está bloqueada. Motor ahogado. 	<ol style="list-style-type: none"> Engrane el control de la cuchilla. Conecte el cable a la bujía. Llene el tanque con gasolina limpia y fresca. Cebe el motor tal como se explica en "Funcionamiento de la podadora". Límpielo, ajuste la distancia o cámbiela. Limpie la línea del combustible. Espere unos minutos para reencender, no realice el cebado.
El motor funciona de manera errática	<ol style="list-style-type: none"> El cable de la bujía está flojo. La línea del combustible está tapada o el combustible es viejo. La ventilación en la tapa del combustible está obstruida. Agua o suciedad en el sistema del combustible. El filtro de aire está sucio. Es necesario ajustar el carburador. 	<ol style="list-style-type: none"> Conecte y ajuste el cable de la bujía. Limpie la línea del combustible; llene el tanque con gasolina limpia y fresca. Destape la ventilación. Vacíe el tanque del combustible. Vuelva a llenarlo con combustible limpio. Consulte el manual del motor. Consulte el manual del motor.
El motor recalienta	<ol style="list-style-type: none"> El nivel de aceite del motor es bajo. Flujo de aire restringido. El carburador no está ajustado correctamente. 	<ol style="list-style-type: none"> Llene el cárter con aceite adecuado. Retire el alojamiento del soplador y límpielo. Consulte el manual del motor.
Salto ocasionales (pausas) a alta velocidad	<ol style="list-style-type: none"> La distancia disruptiva de la bujía es muy pequeña. Ajuste de la mezcla del carburador mal realizada. 	<ol style="list-style-type: none"> Ajuste la distancia disruptiva a 0,76 mm (.03 pulg.). Consulte el manual del motor.
Funciona mal en marcha lenta	<ol style="list-style-type: none"> Bujía atorada, averiada o exceso de distancia disruptiva. Carburador ajustado incorrectamente. El filtro de aire está sucio. 	<ol style="list-style-type: none"> Reajuste la distancia disruptiva a 0,76 mm (.03) o reemplace la bujía. Consulte el manual del motor. Consulte el manual del motor.
Demasiada vibración	<ol style="list-style-type: none"> Cuchilla floja o desequilibrada. Cuchilla abollada. 	<ol style="list-style-type: none"> Apriete la cuchilla y el adaptador. Equilibre la cuchilla. Consulte a un distribuidor autorizado.
La podadora no regresa el recorte de césped como abono.	<ol style="list-style-type: none"> Césped húmedo. Césped excesivamente alto. La cuchilla de la cortadora no está afilada. 	<ol style="list-style-type: none"> No corte el césped cuando está mojado, espere para podar. Podar una vez a una altura de corte elevada y luego vuelva a realizar el corte a la altura deseada, o siga una senda de corte más estrecha. Afile o cambie la cuchilla.
Corte desigual	<ol style="list-style-type: none"> La posición de las ruedas no es correcta. La cuchilla de la cortadora no está afilada. 	<ol style="list-style-type: none"> Coloque las cuatro ruedas en la misma posición de altura. Afile o cambie la cuchilla.



NOTAS:

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GARANTÍA LIMITADA DEL FABRICANTE PARA:



La garantía limitada que se extiende a continuación es otorgada por la empresa Troy-Bilt LLC y cubre mercaderías nuevas compradas y utilizadas en los Estados Unidos, sus posesiones y territorios.

"Troy-Bilt" garantiza este producto por defectos de materiales y de fabricación por un período de dos (2) años a partir de la fecha de la compra original y reparará o cambiará sin cargo cuando lo considere pertinente todas las piezas con defectos de materiales o de fabricación. Esta garantía limitada sólo se aplicará si el producto ha sido operado y mantenido de acuerdo con las instrucciones del manual del operador que se proporcionan con el producto y no ha sido sujeto a uso inapropiado, abuso, uso comercial, abandono, accidente, mantenimiento incorrecto, alteración, vandalismo, robo, incendio, inundación o algún daño debido a otro peligro o desastre natural. El daño resultante por la instalación o el uso de piezas, accesorios o uniones no aprobados por Troy-Bilt para su uso con el(los) producto(s) incluido(s) en este manual anulará la garantía en lo que respecta a esos daños. Se garantiza que las piezas con desgaste normal están libres de defectos en los materiales o de fabricación por un periodo de treinta (30) días a partir de la fecha de compra.

Las piezas o componentes sujetos a desgaste normal incluyen pero no se limitan a: baterías, bandas, hojas, adaptadores para hojas, bolsas para pasto, ruedas para la plataforma, asientos, zapatas anti-deslizantes, placas, gomas de corte y neumáticos.

CÓMO SOLICITAR Y OBTENER SERVICIO TÉCNICO: El servicio de la garantía está disponible, CON PRUEBA DE COMPRA A TRAVÉS DEL DISTRIBUIDOR LOCAL AUTORIZADO PARA EL MANTENIMIENTO. Para localizar al distribuidor en su área, busque en las páginas amarillas de su localidad o contacte a Troy-Bilt LLC al Apartado Postal 361131, Cleveland, Ohio 44136-0019, o llame al 1-866-840-6483 o 1-330-558-7220 o entre a la página Web en www.troybilt.com.

Esta garantía limitada **no** lo cubrirá en los siguientes casos:

- El motor y las piezas componentes presentes. Estos productos tienen una garantía del fabricante por separado. Consulte los términos y condiciones de la garantía aplicable del fabricante.
- Las bombas para el corte de madera, las válvulas y los cilindros tienen una garantía independiente de un año.
- Los artículos necesarios para el mantenimiento de rutina como por ejemplo lubricantes, filtros, afiladores de hojas, los ajustes de los frenos, del embrague o de la plataforma y el deterioro normal del acabado exterior debido al uso o exposición.
- Servicio no realizado por el distribuidor autorizado para el mantenimiento.

- Troy-Bilt no extiende ninguna garantía para los productos vendidos o exportados fuera de los Estados Unidos de América, sus posesiones y territorios, excepto para aquellos vendidos a través de los canales autorizados de distribución de exportaciones de Troy-Bilt.
- Piezas de reemplazo que no son piezas genuinas de Troy-Bilt.
- Gastos de transporte y llamadas por servicios técnicos.

No se aplican garantías implícitas, incluidas las garantías implícitas de comerciabilidad o de adecuación para un propósito determinado, después del período de aplicación de la garantía escrita expresa extendida más arriba para las piezas de acuerdo con su identificación. Ninguna otra garantía expresa, oral o escrita, excepto la mencionada anteriormente, extendida por personas o personas jurídicas, incluidos los distribuidores o los minoristas con respecto a los productos obligará a Troy-Bilt. Durante el plazo de la garantía el único recurso es la reparación o reemplazo del producto como se indicó anteriormente.

Las disposiciones incluidas en esta garantía proveen el recurso único y exclusivo que surge de las ventas. Troy-Bilt no será responsable por pérdidas o daños incidentales o directos, incluyendo sin límites los gastos incurridos para los servicios de cuidado del pasto de reemplazo o cambio, o los gastos de alquiler para reemplazar de manera transitoria un producto bajo garantía.

Algunos estados no permiten la exclusión o limitación de los daños y perjuicios incidentales o directos, o las limitaciones sobre la duración de las garantías implícitas por lo que las exclusiones o limitaciones mencionadas anteriormente pueden no serle de aplicación.

En ningún caso se obtendrá una compensación mayor al monto del precio de compra del producto vendido. **La alteración de las características de seguridad del producto anulará esta garantía.** Usted asume el riesgo y la responsabilidad por las pérdidas, daños o lesiones que sufra Usted y sus bienes y / o otras personas y sus bienes como consecuencia del uso, del uso incorrecto o de la imposibilidad de uso de este producto.

Esta garantía limitada alcanza solamente al comprador original, al arrendatario original o a la persona que recibió el producto de regalo.

CÓMO SE RELACIONA LA LEGISLACIÓN ESTATAL CON ESTA GARANTÍA: Esta garantía limitada le otorga derechos legales específicos y puede también contar con otros derechos que varían de un estado a otro.

IMPORTANTE: El propietario debe presentar prueba de compra original para obtener la cobertura de la garantía.

TROY-BILT LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019; Tel: 1-866-840-6483, 1-330-558-7220